

# 6



OIEP

ENTERED

## RAW SEQUENCE LISTING

DATE: 04/11/2002

PATENT APPLICATION: US/09/996,128A

TIME: 12:47:20

Input Set : A:\sequence.txt

Output Set: N:\CRF3\04112002\I996128A.raw

3 <110> APPLICANT: Houghton, Alan  
4 Bergman, Phillip  
5 Wolchok, Jedd  
7 <120> TITLE OF INVENTION: Compositions for treatment of Melanoma and Methods of Using  
Same  
9 <130> FILE REFERENCE: MSK.P-026-3  
11 <140> CURRENT APPLICATION NUMBER: US 09/996,128A  
12 <141> CURRENT FILING DATE: 2001-11-27  
14 <150> PRIOR APPLICATION NUMBER: US 09/627,694  
15 <151> PRIOR FILING DATE: 2000-07-28  
17 <150> PRIOR APPLICATION NUMBER: US 09/308,697  
18 <151> PRIOR FILING DATE: 1999-05-21  
20 <150> PRIOR APPLICATION NUMBER: PCT/US97/22669  
21 <151> PRIOR FILING DATE: 1997-12-10  
23 <150> PRIOR APPLICATION NUMBER: US 60/036,419  
24 <151> PRIOR FILING DATE: 1997-02-18  
26 <150> PRIOR APPLICATION NUMBER: US 60/032,535  
27 <151> PRIOR FILING DATE: 1996-12-10  
29 <150> PRIOR APPLICATION NUMBER: US 60/180,651  
30 <151> PRIOR FILING DATE: 2000-01-26  
32 <160> NUMBER OF SEQ ID NOS: 2  
34 <170> SOFTWARE: PatentIn version 3.0  
36 <210> SEQ ID NO: 1  
37 <211> LENGTH: 6408  
38 <212> TYPE: DNA  
C--> 39 <213> ORGANISM: Artificial/Unknown  
41 <220> FEATURE:  
42 <221> NAME/KEY: misc\_feature  
43 <222> LOCATION: ()..()  
44 <223> OTHER INFORMATION: vector containing human tyrosinase  
47 <400> SEQUENCE: 1  
48 attctgcaga tatccagcac agtggcgccg gctcagagtct agagggcccg tttaaaccgc 60  
50 ctgatcagcc tcgactgtgc cttctagttg ccagccatct gttgtttgcc cctcccccg 120  
52 gccttccttg accctggaag gtgccactcc cactgtcctt tcctaataaa atgaggaaat 180  
54 tgcacgcgat tgtctgagta ggtgtcattc tattctgggg ggtggggtgg ggcaggacag 240  
56 caagggggag gattgggaag acaatagcag gcatggtggg gatgcagggg ggggggggcg 300  
58 ctgaggtctg cctcgtgaag aaggtgttgc tgactcatac caggcctgaa tcgccccatc 360  
60 atccagccag aaagtgaggg agccacgggt gatgagagct ttgtttagg tggaccagtt 420  
62 ggtgattttg aacttttgc ttgccacgga acggtctgcg ttgtcgggaa gatgcgtgat 480  
64 ctgatccttc aactcagcaa agtttcgatt tattcaacaa agccgccgtc ccgtcaagtc 540  
66 agcgtaaatgc tctgccagtg ttacaaccaa ttaaccaatt ctgattagaa aaactcatcg 600  
68 agcatcaaat gaaactgcaa ttatttcata tcaggattat caataccata tttttgaaaa 660  
70 agccgtttct gtaatgaagg agaaaactca ccgaggcagt tccataggat ggcaagatcc 720  
72 tggtatcggt ctgcgattcc gactcgtcca acatcaatac aacctattaa tttccctcgc 780

## RAW SEQUENCE LISTING

DATE: 04/11/2002

PATENT APPLICATION: US/09/996,128A

TIME: 12:47:20

Input Set : A:\sequence.txt

Output Set: N:\CRF3\04112002\I996128A.raw

```

74 tcaaaaataa gggttatcaag tgagaaatca ccatgagtga cgactgaatc cgggtgagaat 840
76 ggcaaaagct tatgcatttc ttccagact tgttcaacag gccagccatt acgctcgtea 900
78 tcaaaatcac tcgcatcaac caaaccgta ttcatctgtg attgcgctg agcgagacga 960
80 aatacgcgat cgctgttaaa aggacaatta caaacaggaa tcgaatgcaa ccggcgagg 1020
82 aacactgcca gcgcatacaac aatattttca cctgaatcag gatattcttc taataacctg 1080
84 aatgctgttt tcccgggat cgagtggtg agtaaccatg catcatcagg agtacggata 1140
86 aaatgcttga tggtcggaag aggcataaat tccgtcagcc agtttagtct gaccatctca 1200
88 tctgtaacat cattggcaac gctaccttg ccatgtttca gaaacaactc tggcgcatcg 1260
90 ggcttcccat acaatcgata gattgtcgca cctgattgoc cgacattatc gcgagcccat 1320
92 ttatacccat ataaatcagc atccatgttg gaatttaate gcggcctcga gcaagacggt 1380
94 tccggttgaa tatggctcat aacacccctt gtattactgt ttatgtaagc agacagtttt 1440
96 attgttcag atgatatatt ttatcttctg gcaatgtaac atcagagatt ttgagacaca 1500
98 acgtggcttt ccccccccc cctgcagcgt ttcttctttt tccccacccc accccccaa 1560
100 ttcgggtgaa ggcccagggc tcgcagccaa cgctggggcg gcaggccctg ccatagcctc 1620
102 aggttactca tatatacttt agattgattt aaaacttcat ttttaattta aaaggatcta 1680
104 ggtgaagatc ctttttgata atctcatgac caaaatccct taacgtgagt ttctgttcca 1740
106 ctgagcgtca gaccccgtag aaaagatcaa aggatcttct tgagatcctt tttttctgcg 1800
108 cgtaatctgc tgcctgcaaa caaaaaaacc accgtacca gcggtggttt gtttgccgga 1860
110 tcaagagcta ccaactcttt ttccgaagg aactggcttc agcagagcgc agataccaaa 1920
112 tactgttctt ctagtgtagc cgtagttagg ccaccacttc aagaactctg tagcaccgcc 1980
114 tacatactc gctctgctaa tctgtttacc agtggctgct gccagtggcg ataagtctg 2040
116 tcttaccggg ttggactcaa gacgatagtt accggataag gcgcagcggg cgggctgaac 2100
118 ggggggttcg tgcacacagc ccagcttggg gcgaacgacc tacaccgaac tgagatacct 2160
120 acagcgtgag ctatgagaaa gcgccacgct tcccgaggg agaaaggcgg acaggatatc 2220
122 ggtaagcggc agggtcggaa caggagagcg cacgaggag cttccagggg gaaacgcctg 2280
124 gtatctttat agtctctgct gggttcgcca cctctgaact gagegtcgat ttttgtgat 2340
126 ctgctcaggg gggcgagacc tatggaaaaa cgccagcaac gcggcctttt tacggttct 2400
128 ggcttttgc tggccttttg ctccatggt ctttctctcg ttatccctg attctgtgga 2460
130 taaccgtatt accgcatgc attagttatt aatagtaatc aattacgggg tcattagtct 2520
132 atagcccata tatggagttc cgcgttacat aacttacggt aaatggccc cctggctgac 2580
134 cgcccaacga cccccgcca ttgacgtcaa taatgacgag atctgatata ggtgacagac 2640
136 gatatgaggc tatatgcagc atagaggcga catcaagctg gcacatggcc aatgcatac 2700
138 gatctataca ttgaatcaat attggcaatt agccatatta gtcattgggt atatagcata 2760
140 aatcaatatt ggctattggc cattgcatac gttgtatcta tatcataata tgtacattta 2820
142 tattggctca tgtccaatat gaccgcatg ttgacattga ttattgacta gttattaata 2880
144 gtaatcaatt acgggggtcat tagttcatag cccatatatg gagttccgcg ttacataact 2940
146 tacggtaaat ggccgcctg gctgaccgcc caacgacccc cgccattga cgtcaatgat 3000
148 gacgtatgtt cccatagtaa cgccaatagg gactttccat tgacgtcaat ggggtggagta 3060
150 tttacggtaa actgcccact tggcagtaca tcaagtgtat catatgcaa gtccgcccc 3120
152 tattgacgtc aatgacggta aatggccgc ctggcattat gccagtaga tgacctacg 3180
154 ggaacttctt acttggcagt acatctacgt attagtcac gctattacca tgggtgatgcg 3240
156 gttttggcag tacaccaatg ggcgtggata gcggttgac tcacggggat ttccaagtct 3300
158 ccaccccatg gacgtcaatg ggagttgtt ttggcaccaa aatcaacggg actttccaaa 3360
160 atgtcgtaat aacccgccc cgttgacgca aatgggcggt aggcgtgtac ggtgggaggt 3420
162 ctatataagc agagctcgtt tagtgaaccg tcagatcgcc tggagacgcc atccacgctg 3480
164 ttttgacctc catagaagac accgggaccg atccagcctc cgcgccggg aacggtgcat 3540
166 tggacgcgg attccccgtg ccaagagtga cgtaagtacc gcctatagac tctataggca 3600
168 cacccttctg gctcttatgc atgctatact gtttttggt tggggcctat acacccccgc 3660
170 ttccttatgc tataggtgat ggtatagctt agcctatagg tgtgggttat tgaccattat 3720

```

## RAW SEQUENCE LISTING

DATE: 04/11/2002

PATENT APPLICATION: US/09/996,128A

TIME: 12:47:20

Input Set : A:\sequence.txt

Output Set: N:\CRF3\04112002\I996128A.raw

```

172 tgaccactcc cctattggtg acgatacttt ccattactaa tccataacat ggctctttgc 3780
174 cacaactatc tctattggct atatgccaat actctgtcct tcagagactg acacggactc 3840
176 tgtattttta caggatgggg tcccatttat tatttacaaa ttcacatata caacaacgcc 3900
178 gtcccccggt cccgcagttt ttattaaaca tagcgtggga tctccacgog aatctcgggt 3960
180 acgtgttccg gacatgggct cttctccggt agcggcggag cttccacatc cgagccctgg 4020
182 tcccatgcct ccagcggctc atggtcgctc ggcagctcct tgcctctaac agtggaggcc 4080
184 agacttaggc acagcacaat gccaccacc accagtgtgc cgcacaaggc cgtggcggta 4140
186 gggatatgtg ctgaaaatga gctcggagat tgggctcgca ccgctgacgc agatggaaga 4200
188 ctttaaggcag cggcagaaga agatgcaggc agctgagttg ttgtattctg ataagagtca 4260
190 gaggtaaact ccgttgccgt gctgttaacg gtggagggca gtgtagtctg agcagtactc 4320
192 gttgctgccg cgcgcgccac cagacataat agctgacaga ctaacagact gttcctttcc 4380
194 atgggtcttt tctgcagtca ccgtccacgc gtttaatacga ctactatag ggagacccaa 4440
196 gctggctagc gtttaaactt aagcttggtg ccgagctcgg atccactagt ccagtgtggt 4500
198 ggaattccgg gaagaatgct cctggctggt ttgtactgcc tgcgtgtggg tttccagacc 4560
200 tccgctggcc atttccctag agcctgtgtc tcccttaaga acctgatgga gaaggaatgc 4620
202 tgtccaccgt ggagcgggga caggagtccc tgtggccagc tttcaggcag aggttctctg 4680
204 cagaatatcc ttctgtccaa tgcaccactt gggcctcaat ttcctttcac aggggtggat 4740
206 gaccgggagt cgtggccttc cgtcttttat aataggacct gccagtgtc tggcaacttc 4800
208 atgggattca actgtggaaa ctgcaagttt ggcctttggg gaccaaactg cacagagaga 4860
210 cgactcttgg tgagaagaaa catcttcgat ttgagtgcc cagagaagga caaatttttt 4920
212 gcctacctca ctttagcaaa gcataccatc agctcagact atgtcatccc catagggacc 4980
214 tatggccaaa tgaaaaatgg atcaacaccc atgtttaacg acatcaatat ttatgacctc 5040
216 tttgtctgga tgcattatta tgtgtcaatg gatgcactgc ttgggggata tgaaatctgg 5100
218 agagacattg attttgccca tgaagacca gcttttctgc cttggcatag actcttcttg 5160
220 ttgcggtggg aacaagaaat ccagaagctg acaggagatg aaaacttcac tattccatat 5220
222 tgggactggc gggatgcaga aaagtgtgac atttgcacag atgagtacat gggaggtcag 5280
224 caccacacaa atcctaactt actcagccca gcatacttct tctctctctg gcagattgtc 5340
226 tgtagccgat tggaggagta caacagccat cagtctttat gcaatggaac gcccgaggga 5400
228 cctttacggc gtaatcctgg aaaccatgac aaatccagaa ccccaaggct cccctcttca 5460
230 gctgatgtag aattttgcct gagtttgacc caatatgaat ctgggttccat ggataaagct 5520
232 gccaatttca gctttagaaa tacaactgaa ggatttgcta gtccacttac tgggatagcg 5580
234 gatgcctctc aaagcagcat gcacaatgcc ttgcacatct atatgaatgg aacaatgtcc 5640
236 caggtacagg gatctgccaa cgatcctatc ttcctctctc accatgcatt tgttgacagt 5700
238 atttttgagc agtggctccg aaggcaccgt cctcttcaag aagtttatcc agaagccaat 5760
240 gcacccattg gacataaccg ggaatcctac atgggttctt ttataccact gtacagaaat 5820
242 ggtgatttct ttatttcac caaagatctg ggctatgact atagctatct acaagattca 5880
244 gaccagact cttttcaaga ctacattaag tctattttgg aacaagcgag tcggatctgg 5940
246 tcatggctcc ttggggcggc gatggtaggg gccgtcctca ctgccctgct ggcagggctt 6000
248 gtgagcttgc tgtgtcgtca caagagaaag cagcttctct aagaaaagca gccactctc 6060
250 atggagaaag aggattacca cagcttgat cagagccatt tataaaaggc ttaggcaata 6120
252 gagtagggcc aaaaagcctg acctcactct aactcaaagt aatgtccagg ttcacagaga 6180
254 atatctgctg gtatttttct gtaaagacca tttgcaaaat tgtaacctaa taaaagtgt 6240
256 agccttcttc caactcaggt agaacacacc tgtctttgtc ttgctgtttt cactcagccc 6300
258 ttttaacatt ttcccctaag cccatatgtc taaggaaagg atgctatttg gtaatgagga 6360
260 actgttattt gtatgtgaat taaagtgtc ttattttaaa aaaccgga 6408

```

263 &lt;210&gt; SEQ ID NO: 2

264 &lt;211&gt; LENGTH: 6485

265 &lt;212&gt; TYPE: DNA

C--&gt; 266 &lt;213&gt; ORGANISM: Artificial/Unknown

## RAW SEQUENCE LISTING

DATE: 04/11/2002

PATENT APPLICATION: US/09/996,128A

TIME: 12:47:20

Input Set : A:\sequence.txt

Output Set: N:\CRF3\04112002\I996128A.raw

268 &lt;220&gt; FEATURE:

269 &lt;221&gt; NAME/KEY: misc\_feature

270 &lt;222&gt; LOCATION: ()..()

271 &lt;223&gt; OTHER INFORMATION: vector containing murine tyrosinase

274 &lt;400&gt; SEQUENCE: 2

```

275 attctgcaga tatccagcac agtggcgggc gctcgagtct agagggcccg tttaaacccg      60
277 ctgatcagcc tcgactgtgc cttctagttg ccagccatct gttgtttgcc cctcccccg      120
279 gccttccttg accctggaag gtgccactcc cactgtcctt tcctaataaa atgaggaaat      180
281 tgcacgcgat tgtctgagta ggtgtcattc tattctgggg ggtgggggtg ggcaggacag      240
283 caagggggag gattgggaag acaatagcag gcatgggtgg gatgcagggg ggggggggag      300
285 ctgaggtctg cctcgtgaag aaggtgttgc tgactcatac caggcctgaa tcgccccatc      360
287 atccagccag aaagtgaagg agccacgggt gatgagagct ttgttgtagg tggaccagtt      420
289 ggtgattttg aacttttgct ttgccacgga acgggtctgc ttgtcgggaa gatgcgtgat      480
291 ctgatccctc aactcagcaa aagttcgatt tattcaacaa agccgccgtc ccgtcaagtc      540
293 agcgtaatgc tctgccagtg ttacaaccaa ttaaccaatt ctgattagaa aaactcatcg      600
295 agcatcaaat gaaactgcaa tttattcata tcaggattat caataccata tttttgaaaa      660
297 agccgtttct gtaatgaagg agaaaactca ccgaggcagt tccataggat ggcaagatcc      720
299 tggtatcggg ctgcgattcc gactcgtcca acatcaatac aacctattaa tttcccctcg      780
301 tcaaaaataa ggttatcaag tgagaaatca ccatgagtga cgactgaatc cggtgagaat      840
303 ggcaaaagct tatgcatttc tttccagact tgttcaacag gccagccatt acgctcgtca      900
305 tcaaaatcac tcgcatcaac caaacggta ttcattcgtg attgcgcctg agcgagacga      960
307 aatacgcgat cgctgttaaa aggacaatta caaacaggaa tcgaatgcaa ccggcgagag      1020
309 aacactgccg gcgcatcaac aatattttca cctgaatcag gatattcttc taataacctg      1080
311 aatgctgttt tcccggggat cgcagtggtg agtaaccatg catcatcagg agtacggata      1140
313 aaatgcttga tggtcggaag aggcataaat tccgtcagcc agtttagtct gaccatctca      1200
315 tctgtaacat cattggcaac gctacctttg ccatgtttca gaaacaactc tggcgcatcg      1260
317 ggcttcccat acaatcgata gattgtcgca cctgattgcc cgacattatc gcgagcccat      1320
319 ttatacccat ataaatcagc atccatgttg gaatttaatc gcggcctcga gcaagacgtt      1380
321 tcccgttgaa tatggctcat aacacccctt gtattactgt ttatgtaagc agacagtttt      1440
323 attgttcatg atgatatatt tttatcttgt gcaatgtaac atcagagatt ttgagacaca      1500
325 acgtggcttt ccccccccc cctgcagcgt tcttctcttt tccccaccac accccccaag      1560
327 ttcgggtgaa ggcccagggc tcgcagccaa cgtcggggcg gcaggccctg ccatagcctc      1620
329 aggttactca tatatacttt agattgattt aaaacttcat ttttaattta aaaggatcta      1680
331 ggtgaagatc ctttttgata atctcatgac caaaatccct taacgtgagt tttcgttcca      1740
333 ctgagcgtca gacccgtag aaaagatcaa aggatcttct tgagatcctt tttttctgcg      1800
335 cgtaatctgc tgettgcgaa caaaaaaacc accgctacca gcggtggttt gtttgccgga      1860
337 tcaagagcta ccaactcttt ttccgaaggt aactggcttc agcagagcgc agataccaaa      1920
339 tactgttctt ctagtgtagc cgtagttagg ccaccacttc aagaactctg tagcaccgcc      1980
341 tacatacctc gctctgctaa tcctgttacc agtggctgct gccagtggcg ataagtcgtg      2040
343 tcttaccggg ttggactcaa gacgatagtt accggataag gcgcagcggg cgggctgaac      2100
345 ggggggttcg tgcacacagc ccagcttggg gcgaacgacc tacaccgaac tgagatacct      2160
347 acagcgtgag ctatgagaaa gcgccacgct tcccgaaggg agaaaggcgg acaggtatcc      2220
349 ggtaagcggc aggttcggaa caggagagcg cacgagggag cttccagggg gaaacgcctg      2280
351 gtatctttat agtcctgtcg ggtttcgcca cctctgactt gagcgtcgat ttttgtgatg      2340
353 ctcgctcagg gggcgagacc tatggaaaaa cgccagcaac gcggcctttt tacggttcc      2400
355 ggccttttgc tggccttttg ctacatgtt ctttctgcg ttatcccctg attctgtgga      2460
357 taaccgtatt accgccatgc attagttatt aatagtaatc aattacgggg tcattagttc      2520
359 atagcccata tatggagttc cgcgttacat aacttacggt aaatggcccg cctggctgac      2580
361 cgcccaacga ccccgcccca ttgacgtcaa taatgacgag atctgatata ggtgacagac      2640

```

## RAW SEQUENCE LISTING

DATE: 04/11/2002

PATENT APPLICATION: US/09/996,128A

TIME: 12:47:20

Input Set : A:\sequence.txt

Output Set: N:\CRF3\04112002\I996128A.raw

363	gatatgaggc	tatatcgccg	atagaggcga	catcaagctg	gcacatggcc	aatgcatatc	2700
365	gatctataca	ttgaatcaat	attggcaatt	agccatatta	gtcattggtt	atatagcata	2760
367	aatcaatatt	ggctattggc	cattgcatac	gttgatatcta	tatcataata	tgtacattta	2820
369	tattggctca	tgtccaatat	gaccgccatg	ttgacattga	ttattgacta	gttatttaata	2880
371	gtaatcaatt	acgggggtcat	tagttcatag	cccatatatg	gagttccgcg	ttacataact	2940
373	tacggtaaat	ggcccgcctg	gctgaccgcc	caacgacccc	cgcccatgga	cgtcaatgat	3000
375	gacgtatgtt	cccatagtaa	cgccaatagg	gactttccat	tgacgtcaat	gggtggagta	3060
377	tttacggtaa	actgcccact	tggcagtaca	tcaagtgtat	catatgccaa	gtccgcccc	3120
379	tattgacgtc	aatgacggta	aatggccccg	ctggcattat	gcccagtaca	tgaccttacg	3180
381	ggactttcct	acttggcagt	acatctacgt	attagtcac	gctattacca	tggatgatgc	3240
383	gttttggcag	tacaccaatg	ggcgtggata	gcggttgac	tcacggggat	ttccaagtct	3300
385	ccaccgccatt	gacgtcaatg	ggagtgtgtt	ttggcaccaa	aatcaacggg	actttccaaa	3360
387	atgtcgtaat	aaccccgccc	cgttgacgca	aatgggcggt	aggcgtgtac	ggtgggaggt	3420
389	ctatataagc	agagctcggt	tagtgaaccg	tcagatcgcc	tggagacgcc	atccacgctg	3480
391	ttttgacctc	catagaagac	accgggaccg	atccagcctc	cgcggccggg	aacggtgcat	3540
393	tggaaacgcg	attccccgtg	ccaagagtga	cgtaagtacc	gcctatagac	tctataggca	3600
395	cacccctttg	gctcttatgc	atgctatact	gtttttggct	tggggcctat	acacccccgc	3660
397	ttccttatgc	tataggtgat	ggtatagctt	agcctatagg	tgtgggttat	tgaccattat	3720
399	tgaccactcc	cctattgggtg	acgatacttt	ccattactaa	tcataacat	ggctctttgc	3780
401	cacaactatc	tctattggct	atatgccaat	actctgtcct	tcagagactg	acacggactc	3840
403	tgtattttta	caggatgggg	tcccatttat	tatttataaa	ttcacatata	caacaacgcc	3900
405	gtcccccggtg	cccgagttt	ttattaaaca	tagcgtggga	tctccacgcg	aatctcgggt	3960
407	acgtgttccg	gacatgggct	cttctccggt	agcggcgagg	cttccacatc	cgagccctgg	4020
409	tcccatgcct	ccagcggctc	atggtcgctc	ggcagctcct	tgtccctaac	agtggaggcc	4080
411	agacttaggc	acagcacaat	gcccaccacc	accagtgtgc	cgcacaaggc	cgtggcggtta	4140
413	gggtatgtgt	ctgaaaatga	gctcggagat	tgggctcgca	ccgctgacgc	agatggaaga	4200
415	cttaaggcag	cggcagaaga	agatgcaggc	agctgagttg	ttgtattctg	ataagagtca	4260
417	gaggtaaactc	ccgttgccgt	gctgttaacg	gtggagggca	gtgtagtctg	agcagtactc	4320
419	gttgctgcgc	cgcgcgccac	cagacataat	agctgacaga	ctaacagact	gttccctttcc	4380
421	atgggtcttt	tctgcagtc	ccgtccacgc	gttaatacga	ctcactatag	ggagacccaa	4440
423	gctggctagc	gtttaaactt	aagcttggtta	ccgagctcgg	atccactagt	ccagtgtggt	4500
425	ggaattctgt	gacactcatt	aacctattgg	tgcagatttt	gtatgatcta	aaggagaaaa	4560
427	tgttcttggc	tgttttgtat	tgccttctgt	ggagtttcca	gatctctgat	ggccattttc	4620
429	ctcgagcctg	tgcctcctct	aagaacttgt	tggcaaaaaga	atgctgcccc	ccatggatgg	4680
431	gtgatgggag	tccctgcggc	cagctttcag	gcagaggttc	ctgccaggat	atccttctgt	4740
433	ccagtgcacc	atctggacct	cagttccctt	tcaaaggggt	ggatgaccgt	gagtcctggc	4800
435	cctctgtgtt	ttataatagg	acctgccagt	gctcaggcaa	cttcatgggt	ttcaactgcg	4860
437	gaaactgtaa	gtttggattt	gggggcccac	attgtacaga	gaagcgagtc	ttgattagaa	4920
439	gaaacatttt	tgatttgagt	gtctccgaaa	agaataagtt	cttttcttac	ctcactttag	4980
441	caaaacatac	tatcagctca	gtctatgtca	tccccacagg	cacctatggc	caaatgaaca	5040
443	atgggtcaac	acccatgttt	aatgatatac	acatctacga	cctctttgta	tggatgcatt	5100
445	actatgtgtc	aagggacaca	ctgcttgggg	gctctgaaat	atggagggac	attgattttg	5160
447	cccatgaagc	accagggttt	ctgccttggc	acagactttt	cttggtattg	tgggaacaag	5220
449	aaattcgaga	actaactggg	gatgagaact	tcaactgttc	atactgggat	tggagagatg	5280
451	cagaaaactg	tgacattttg	acagatgagt	acttgggagg	tcgtcaccct	gaaaatccta	5340
453	acttactcag	cccagcatcc	ttcttctcct	cctggcagat	catttgtagc	agatcagaag	5400
455	agtataatag	ccatcagggt	ttatgcgatg	gaacacctga	gggaccacta	ttacgtaatc	5460
457	ctggaaacca	tgacaaagcc	aaaaccccca	ggctcccatc	ttcagcagat	gtggaatttt	5520
459	gtctgagttt	gaccacgtat	gaatctggat	caatggatag	aactgccaat	ttcagcttta	5580

VERIFICATION SUMMARY

DATE: 04/11/2002

PATENT APPLICATION: US/09/996,128A

TIME: 12:47:21

Input Set : A:\sequence.txt

Output Set: N:\CRF3\04112002\I996128A.raw

L:39 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1  
L:266 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2